

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20030232930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 17:56
S2	212	buchecke\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:33
S3	5	S2 and coumari\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:34
S4	381	coumar\$6 and azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:45
S5	3059918	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S6	212	buchecke\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 17:56
S7	85	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:10
S8	2200	herr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:13
S9	349	S8 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:14

## EAST Search History

S10	2	S9 and coumarin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:16
S11	155	"5602661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:18
S12	155	S5 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:18
S13	3059918	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S14	1529	S13 and azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S15	392	S13 same azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S16	545565	liquid-crystal\$6 or (liquid near crystal\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S17	335	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S18	883	S14 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S19	76432	S13 same S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28

## EAST Search History

S20	211	S19 same azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S21	212	buckeck\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:46
S22	2200	herr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:47
S23	21	azo and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:48
S24	21	azo and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S25	823	isomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S26	223	photoisomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S27	44	photo-isomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S28	259	S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S29	3059919	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50

## EAST Search History

S30	73	S29 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:57
S31	30	azobenzyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:57
S32	386	azophenyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:58
S33	75	S32 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:58
S34	3059919	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:32
S35	56475	ferroelectr\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:32
S36	205	(photoisomer\$6 or photo-isom\$10) same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46
S37	38	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:33
S38	825	(photoisomer\$6 or photo-isom\$10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46
S39	434	S38 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46

## EAST Search History

S40	60	S39 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:47
S41	22	S40 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:47
S42	1	WO00/55151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:57
S43	1	WO-200055151-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:57
S44	3964	field same sequential same color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S45	152	S44 same ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:32
S46	103	S44 same (active near matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:32
S47	3537	field near sequential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S48	2250	S47 same color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S49	129	S48 same ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:35

## EAST Search History

S50	9	"6692797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 17:16
S51	14	"6153272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S52	11	S51 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S53	1	S52 and ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S54	1	11/039278	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:52
S55	14	"6153272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:00
S56	34	ferroelectric same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:04
S57	13350	smectic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S58	17	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S59	36894	monostab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29

## EAST Search History

S60	2303	mono-stab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S61	38147	S59 or S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S62	4	S56 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S63	2	S58 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S64	34	ferroelectric\$6 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S65	819	S61 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S66	2	ferroelectric\$6 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:31
S67	17	S64 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S68	5	S64 same S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:34
S69	0	S64 same S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32

## EAST Search History

S70	4	S64 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S71	36895	monostab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S72	2307	mono-stab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S73	38151	S71 or S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S74	820	S73 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:07
S75	16960	ferroelectric\$6 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:06



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20030232930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 17:56
S2	212	buckeck\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:33
S3	5	S2 and coumar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:34
S4	381	coumar\$6 and azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 14:45
S5	3059918	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S6	212	buckeck\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 17:56
S7	85	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:10
S8	2200	herr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:13
S9	349	S8 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:14

## EAST Search History

S10	2	S9 and coumarin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:16
S11	155	"5602661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:18
S12	155	S5 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:18
S13	3059918	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S14	1529	S13 and azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S15	392	S13 same azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:27
S16	545565	liquid-crystal\$6 or (liquid near crystal\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S17	335	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S18	883	S14 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S19	76432	S13 same S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28

## EAST Search History

S20	211	S19 same azobenzene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/24 19:28
S21	212	buckhecke\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:46
S22	2200	herr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:47
S23	21	azo and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:48
S24	21	azo and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S25	823	isomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S26	223	photoisomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S27	44	photo-isomerizable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S28	259	S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50
S29	3059919	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:50

## EAST Search History

S30	73	S29 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:57
S31	30	azobenzyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:57
S32	386	azophenyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:58
S33	75	S32 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:58
S34	3059919	align\$6 or orient\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:32
S35	56475	ferroelectr\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:32
S36	205	(photoisomer\$6 or photo-isom\$10) same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46
S37	38	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:33
S38	825	(photoisomer\$6 or photo-isom\$10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46
S39	434	S38 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:46

## EAST Search History

S40	60	S39 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:47
S41	22	S40 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:47
S42	1	WO00/55151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:57
S43	1	WO-200055151-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 14:57
S44	3964	field same sequential same color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S45	152	S44 same ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:32
S46	103	S44 same (active near matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:32
S47	3537	field near sequential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S48	2250	S47 same color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:34
S49	129	S48 same ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 15:35

## EAST Search History

S50	9	"6692797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/25 17:16
S51	14	"6153272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S52	11	S51 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S53	1	S52 and ferroelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:38
S54	1	11/039278	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 17:52
S55	14	"6153272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:00
S56	34	ferroelectric same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:04
S57	13350	smectic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S58	17	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S59	36894	monostab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29

## EAST Search History

S60	2303	mono-stab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:29
S61	38147	S59 or S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S62	4	S56 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S63	2	S58 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:30
S64	34	ferroelectric\$6 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S65	819	S61 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S66	2	ferroelectric\$6 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:31
S67	17	S64 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S68	5	S64 same S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:34
S69	0	S64 same S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32

## EAST Search History

S70	4	S64 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/29 21:32
S71	36895	monostab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S72	2307	mono-stab\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S73	38151	S71 or S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:05
S74	820	S73 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:07
S75	16960	ferroelectric\$6 same (liquid-crystal\$6 or (liquid near crystal\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/30 13:06